

**From:** Martin Schwartz/R3/USEPA/US  
**Sent:** 2/9/2010 9:28:57 AM  
**To:** Angela McFadden/R3/USEPA/US@EPA; Judith Hykel/R3/USEPA/US@EPA  
**CC:** David Dillon/R3/USEPA/US@EPA; Chris Spangenberg/R3/USEPA/US  
**Subject:** Flowback radiation levels

These are comments from one of the teachers here at school re; wells in Dimock. He has a Phd in biochemistry and physics from the University of Chicago, one of the most outstanding schools in the country/.

These levels are off the friggin charts. Acceptable levels are way lower. This website explains things very nicely.

<http://healthvermont.gov/enviro/rad/alpha.aspx>

As part of the DEP permit application for the proposed Water Treatment Plant in Eaton Township, Wyoming (flowback fluids from Dimock gas wells were analyzed by Quantum Analytical and Environmental Laboratorie

This is what was found;

Lewis 1 Well  
sample taken 8/24/08

Gross Alpha 223.3 pCi/L  
Gross Beta 309.2 pCi/L  
Radium 226 69.63 pCi/L  
radium 228 18.55 pCi/L

Lewis 2 Well  
sample taken 8/24/08

Gross Alpha 159.9 pCi/L  
Gross Beta 210.3 pCi/L  
Radium 226 69.32 pCi/L  
Radium 228 9.64 pCi/L

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